CLIP Group Publications by Topic


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Abstract

This document provides a unified list of publications by the CLIP group members, classified by research topic (as well as by type of publication – journal, book, invited, workshop, etc.). A list of publications classified by year of publication is also available. Please note that this document is generated automatically and periodically from the group database and may contain repetitions, omissions, and other errors. We ask for understanding with these errors and at the same time will very much appreciate any pointers to them.

Resumen

Este documento proporciona una lista unificada de las publicaciones de los miembros del grupo CLIP, clasificada por temas (así como por tipo de publicación – revista, libro, invitado, workshop, etc.). También se dispone de una lista de publicaciones clasificada por año de publicación. Este documento se genera automáticamente y de forma periódica a partir de la base de datos del grupo y puede contener repeticiones, omisiones, y otros errores. Rogamos comprensión con estos errores y apreciaremos que se nos señalen.
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1 Publications in Verification, Specification, Testing, Debugging

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**Books and Monographs:**


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**Articles in Books and Other Collections:**


**Publications in Refereed Workshops:**


Technical Reports and Manuals:


2 Publications in Program Analysis

Articles in Refereed Journals:


**Articles in Refereed Conferences:**


**Books and Monographs:**


**Invited Papers and Tutorials:**

*From big-step to small-step semantics and back with interpreter specialization (invited paper).* 
Proceedings of the Eighth International Workshop on Verification and Program Transformation (VPT 2020), 
Electronic Proceedings in Theoretical Computer Science (EPTCS), pages 50–65, Open Publishing Association (OPA), 

*Multivariant Assertion-based Guidance of Top-down Horn Clause-based Analysis in CiaoPP.* 
Associated to FCRC 2019.

M. Klemen, N. Stulova. 
*25 Years of Ciao (abstract of invited tutorial).* Pre-proceedings of 
the 28th International Symposium on Logic-based Program Synthesis and Transformation (LOPSTR’18), 
September 2018.

*Horn Clause-based Program Analysis and Verification with CiaoPP.* 1st International Workshop 
Associated to ECOOP/ISSTA 2018.

*Energy Consumption Analysis and Verification by Transformation into Horn Clauses and Abstract Interpretation.* 
5th International Workshop on Verification and Program Transformation (VPT 2017), Vol. 253, 
pages 4–6, EPTCS, April 2017. (Abstract of invited talk).

*Constraint-Based Runtime Prediction of SLA Violations in Service Orchestrations.* 
(abstract of invited talk).

*Automatic Inference of Resource Consumption Bounds.* 
18th International Conference on Logic for Programming, 
Artificial Intelligence, and Reasoning (LPAR-18), Lecture Notes in Computer Science, Vol. 7180, 

*From Termination to Cost (in Object-Oriented Languages).* 
Workshop on Termination (WST’10), 1 pages, July 2010.

10. Elvira Albert. 
*Upper Bounds on Memory Usage for Garbage-Collected Languages.* 
Workshop on Quantitative Analysis of Software (QA’09), 1 pages, June 2009.

11. G. Barthe, L. Beringer, P. Crégut, B. Grégoire, M. Hofmann, P. Müller, E. Poll, G. Puebla, 
I. Stark, E. Vétillard. 
*MOMiUS: Mobility, Ubiquity, Security: Objectives and progress report.* 

12. The Ciao Development Team. 
*The Ciao Multiparadigm Language and Program Development Environment.* 
6 pages, November 2006. The ALP Newsletter 19(3). The Association for 
Logic Programming.


*Abstract Interpretation-based Verification/Certification in the CiaoPP System.* 


**Articles in Books and Other Collections:**


**Publications in Refereed Workshops:**


**Technical Reports and Manuals:**


3 Publications in Program Specialization

Articles in Refereed Journals:


Articles in Refereed Conferences:


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Invited Papers and Tutorials:


Articles in Books and Other Collections:


Publications in Refereed Workshops:


**Technical Reports and Manuals:**


4 Publications in Resource Consumption Analysis and Optimization

Articles in Refereed Journals:


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5 Publications in Analysis of Smart Contracts, Blockchain

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Publications in Automatic Parallelization

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7 Publications in Task Granularity Analysis and Control

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Articles in Books and Other Collections:


Publications in Refereed Workshops:


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Publications in Parallel Execution Models and Task Scheduling

Articles in Refereed Journals:


Articles in Refereed Conferences:


Books and Monographs:


Articles in Books and Other Collections:


Publications in Refereed Workshops:


**Technical Reports and Manuals:**


9 Publications in Distributed/Internet Execution, Agents, and WWW

Articles in Refereed Journals:


Articles in Refereed Conferences:


Books and Monographs:


Invited Papers and Tutorials:


Articles in Books and Other Collections:

Publications in Refereed Workshops:


Technical Reports and Manuals:


Publications in (Parallel) Computer Architecture

Articles in Refereed Journals:

Articles in Refereed Conferences:

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Technical Reports and Manuals:
Publications in Program Execution Visualization

Articles in Refereed Journals:

Articles in Refereed Conferences:

Books and Monographs:

Articles in Books and Other Collections:

Publications in Refereed Workshops:


Technical Reports and Manuals:


Publications in Programming Language Design

Articles in Refereed Journals:


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Books and Monographs:


**Invited Papers and Tutorials:**


Articles in Books and Other Collections:


Publications in Refereed Workshops:


Technical Reports and Manuals:


Publications in Concurrency, Dynamic Scheduling, and Concurrent Languages

Articles in Refereed Journals:


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**Technical Reports and Manuals:**


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Publications in Environments and Tools for Software Development

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Publications in Refereed Workshops:


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Publications in Component-Based Software Development

Articles in Refereed Conferences:


Technical Reports and Manuals:

Publications in Open Source Software

Publications in Refereed Workshops:


Technical Reports and Manuals:


Publications in Simulation of Parallel Systems

Articles in Refereed Journals:

Articles in Refereed Conferences:

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Technical Reports and Manuals:
20  Publications in Quality of Service

Articles in Refereed Journals:


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Articles in Books and Other Collections:


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Technical Reports and Manuals:


Publications in Services

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Publications in Diagrammatic Reasoning

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